

BADGER STATE

SMOKE SIGNALS

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Volume 38 No. 1 • Published Bimonthly

FEBRUARY 2006

FAR Scholarships for 2006 Announced

THE FOUNDATION FOR AMATEUR RADIO, INC., a non-profit organization with headquarters in Washington, D.C., plans to administer fifty-five (55) scholarships for the academic year 2005 - 2006 to assist licensed Radio Amateurs. The Foundation, composed of over seventy-five local area Amateur Radio Clubs, fully funds three of these scholarships. Ten are funded with the income from grants. The remaining forty-two (42) are administered by the Foundation without cost to the various donors.

Licensed Radio Amateurs may compete for these awards if they plan to pursue a full-time course of studies beyond high school and are enrolled in or have been accepted for enrollment at an accredited university, college or technical school. The awards range from \$500 to \$2500 with preference given in some cases to residents of specified geographical areas or the pursuit of certain study programs. Clubs, especially those in Delaware, Florida, Maryland, Ohio, Pennsylvania, Texas, Virginia and

Wisconsin, are encouraged to announce these opportunities at their meetings, in their club newsletters, during training classes, on their nets and on their world wide web home pages.

Additional information and an application form may be requested by letter or QSL card, postmarked prior to April 30, 2005 from:

FAR Scholarships  
Post Office Box 831  
Riverdale, MD 20738

The Foundation for Amateur Radio, incorporated in the District of Columbia, is an exempt organization under Section 501(C)(3) of the Internal Revenue Code of 1954. It is devoted exclusively to promoting the interests of Amateur Radio and those scientific, literary and educational pursuits that advance the purposes of the Amateur Radio Service.

2006 WISCONSIN QSO PARTY

WISCONSIN QSO PARTY  
By Lynn Tamblyn, K9KR  
Chairman WIQP for WARAC

When you read this, it will be Swapfest time. As soon as the Swapfest is over, it's time to begin thinking of our 27th annual 2006 Wisconsin QSO Party, being held March 12, 2006. It starts at noon local time and runs until 7:00 PM.

I want to introduce you to our 2005 outof- state winner, Jim Lageson, N0UR. Jim resides in Brooklyn Park, Minnesota, located northwest of Minneapolis. Jim is quite active in amateur radio contesting, usually as a QRP station. He has entered WIQP for some years now, having previously won Minnesota in 2004. This year he did himself one better -- he not only won Minnesota again, but also he won our plaque for best out-of-state single operator. Jim's 2005 entry included 164 CW Q's



Jim Lageson, N0UR, shows off the plaque he received for winning the 2005 WIQP Out-of-State Single Operator category.

(Continued on page 7)

ELMER

by Rich Regent, K9GDF



Check us out on the web at  
<http://www.bsss.org>

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# WHAT'S HAPPENING

## Swapfests and Other Social Events — Club Meetings Amateur Radio Exam Schedules

Edited by Kenneth A. Ebnetter, K9EN, 822 Wauona Trail, Portage WI 53901 — [kenneth.ebnetter@verizon.net](mailto:kenneth.ebnetter@verizon.net)

### Swapfests And Other Social Events

March 18, 2006, 15th Annual Equipment Auction, Eau Claire Amateur Radio Club. Contact: Jim Staatz, K19H, PO Box 1867, Eau Claire, WI 54702-1867, Phone: 715-403-0272, Email: [ki9h@arrl.net](mailto:ki9h@arrl.net) <http://www.ecarc.org> **Talk-In:** 146.910 (PL 110.9)

March 19, 2006, Jefferson, WI, Tri-County Amateur Radio Club, Jefferson County Fairgrounds, Activity Center, Hwy 18 West, Jefferson, WI. For information contact: TCARC, 213 Frederick St., Fort Atkinson, WI 53538, [www.cmdline.com/tcarc/](http://www.cmdline.com/tcarc/), [jsatt@ticon.net](mailto:jsatt@ticon.net) or (920) 563-6381 (evenings), (200 563-9551 (fax).

March 31-April 1, 2006. AES SUPERFEST 2006, Amateur Electronic Supply, 5710 West Good Hope Road, Milwaukee, WI. **Talk-In:** 145.130/144.530 (PL 127.3) **Contact:** Ray Grenier,

K9KHW, 5710 West Good Hope Road Milwaukee, WI 53223. Phone: 414-375-1162, Fax: 411-358-3337, Email: [rayk9khw@aol.com](mailto:rayk9khw@aol.com),

April 22, 2006, Madison Area Repeater Association Swapfest, Stoughton, WI. Mandt Community Center 400 Mandt Parkway, Stoughton, WI. Inquiries can be directed to: [w9hsy@execpc.com](mailto:w9hsy@execpc.com) or write to MARA, PO Box 8890, Madison, WI 53708-8890, Tele:608.245.8890 For more information see the MARA website [www.qsl.net/mara](http://www.qsl.net/mara).

April 29, 2006, Medford, WI. Central Wisconsin Swapfest sponsored by the Black River ARA, Medford, WI. Unity Memorial Hall, 202 W Clark St. (County Hwy. K.), Unity, Wisconsin. For more information contact: Bob Braun, KB9BLV, PO Box 331, Dorchester, WI 54425 or e-mail to [hamfest@charter.net](mailto:hamfest@charter.net) <http://webpages.charter.net/centralwis/hamfest.html>

May 06, 2006, Cedarburg, WI. 26<sup>th</sup> Annual Amateur Radio and Computer Swapfest, Ozaukee Radio Club (ORC).

Circle B Recreation Center, intersection of State Highway 60 and Ozaukee County Highway I. Info: Gene Szudrowitz, (262) 377-6792 between 6:00 and 8:00 pm or <http://www.ozaukeeradioclub.org/>

June 3-4, 2006, Illinois State Convention/Princeton Hamfest, Princeton, IL Bureau County Fairgrounds, West Peru Street (Route 6), Princeton, IL. Starved Rock Radio Club, <http://www.qsl.net/w9mks/>, **Talk-In:** 146.955 -600 (PL 103.5). **Contact:** Kurt Clausen, KB9RKU, PO Box 198, Leonore, IL 61332, Phone: 815-539-6477, Email: [w9mkshamfest@yahoo.com](mailto:w9mkshamfest@yahoo.com)

July 8, 2006, South Milwaukee ARC Swapfest, American Legion Post 434, 9327 South Shepard Ave., Oak Creek, WI. e-mail [rvatex@aol.com](mailto:rvatex@aol.com). Phone (414) 762-3235.

August 12, 2006 Circus City Swapfest, Sauk County Fairgrounds, Baraboo, WI. Contact: Steve Schultze, W9UDO, (608) 356-2313 or Bill Klinkner, N9KXX, (608) 643-6908/643-6453 [www.yellowthunder.org](http://www.yellowthunder.org)

August 26-27, 2006, Radio Expo 2006. Chicago FM Club, Lake County Fairgrounds, Rte's 45 & 120, Grayslake, IL. **Talk-In:** 146.760 (PL 107.2) **Contact:** Mike Brost, WA9FTS, 5127 North Monterey Avenue, Norridge, IL 60706, Phone: 708-457-0966, Fax: 708-457-0966, Email: [mbrost@cin.net](mailto:mbrost@cin.net),

September 10, 2006, Swapfest, sponsored by SEWFARS at Richfield Chalet, 1271 Hwy 175, Hubertus, WI. e-mail to [sewfars@hotmail.com](mailto:sewfars@hotmail.com) or call: 1-866-837-0240 (toll free) or 262-628-7791. SEWFARS Swapfest, PO Box 105, Eagle, WI 53119.

September 15-16 2006, W9DXCC Convention, Northern Illinois DX Association. Holiday Inn, 1000 Busse Road, Elk Grove Village, IL **Talk-In:** 147.36. **Contact:** Bill Smith, W9VA, 1345 Linden Avenue, Deerfield, IL 60015, Phone: 847-945-1564, Fax: 847-945-6554, Email: [w9va@aol.com](mailto:w9va@aol.com) or <http://www.w9dxcc.com>

September 16-17, 2006. Peoria Superfest, Exposition Gardens Fairgrounds, 1601 W Northmoor Rd, off N. University, Peoria, IL. Contact: Peoria Superfest, PO Box 3508 Peoria, IL 61612-3508. (309) 692-2378. e-mail: [w9uvi@arrl.net](mailto:w9uvi@arrl.net). <http://www.peoriasuperfest.com>.

November 5, 2006, Fox Cities Radio Club 2006, Swapfest. N8870 Fire Lan 1, Menasha . Waverly Beach at the North tip of Lake Winnebago. For information contact: [N9RJZ@tponet.com](mailto:N9RJZ@tponet.com), (920) 729-0797 or W9ZL Swapmeet, 163 Main Street, Menasha, WI 54952.

Further information about hamfests in the area can be found at [bsss.org](http://bsss.org) or at <http://www.arrl.org/hamfests.html> If your organization is sponsoring a Hamfest/ Swapfest and would like us to list your event, please send the information to Ken Ebnetter, K9EN at the address below or to [k9en@arrl.net](mailto:k9en@arrl.net)

## Badger State Smoke Signals

### Amateur Radio Education and Information

**CHAIRMAN/PUBLISHER:** Kenneth A. Ebnetter, K9EN, 822 Wauona Trail, Portage, WI 53901. Telephone (608) 742-3560. e-mail to: [kenneth.ebnetter@verizon.net](mailto:kenneth.ebnetter@verizon.net)

#### EDITOR:

**TREASURER:** Kenneth A. Ebnetter, K9EN, 822 Wauona Trail, Portage WI 53901.

**EDITORIAL BOARD:** Ken Ebnetter, K9EN; Don Evenson, K9JYX.

### Subscription Rate

1 year (6 issues—bi-monthly)\$13.95

A subscription form is in this issue. Special club package reduced rates are available. For information, contact Ken Ebnetter, K9EN.

### When to Send It

The closing date for each issue is the first of the month before the issue date. For example, the closing date for the May issue is April 1. The only exception is for participating clubs' minutes. Participating clubs are requested to send their material no later than FIVE DAYS after the club's meeting. For example, if a club meets on the 4th of the month, the material should be sent no later than the 9th of that month. This material is to be sent to the Editor.

### Where to Send It

Address changes and corrections, and exchange papers should be sent to Ken Ebnetter.

Editorial material, photographs, and feature articles should be sent to Ken Ebnetter, K9EN.

Web page material should be sent to [n9qa@arrl.net](mailto:n9qa@arrl.net) (Dave Knaus, N9QA).

Inquiries about advertising should be directed to Ken Ebnetter.

Club, swapfest, and Test Point information should be sent to Ken Ebnetter.

**Swapfest ADS should be sent to Ken Ebnetter, K9EN no later than eight weeks before the**

#### events date.

Subscriptions should be sent, with check or money order, to Ken Ebnetter.

#### Conditions for Reprinting or BBS Posting Material from Badger State Smoke Signals

Permission is hereby granted to reprint articles or posting articles on radio or telephone bulletin boards from *Badger State Smoke Signals*, providing credit is given to the original author, publication in which the article first appeared, and to *Badger State Smoke Signals*.

This newspaper is produced by volunteer radio amateurs, and is non-profit. This newspaper is mailed from Portage, WI 53901.

*Badger State Smoke Signals* is incorporated as a Wisconsin non-stock, non-for-profit organization.

### Editorial Disclaimer

The opinions expressed in editorials, guest editorials, columns, articles, and letters from readers are the opinions of the authors only, and do not, unless otherwise stated, express or imply endorsement by *Badger State Smoke Signals*, or by any other individual or organization.



# CLUB MEETINGS

Due to space limitations we are unable to carry the full listing of club meeting in every issue of Badger State Smoke Signals. Please see the last issue (December 2005) for the latest full listing. If your club is not listed or if there are changes to you listing please let us know at the address shown on page two of this issue. The following are changes that have been reported to us since that listing.

Appleton  
FOX CITIES AMATEUR RADIO CLUB  
Meetings: Third Mondays, 7:00PM., Goodwill Community Center, 1800 S. Appleton Road, Menasha, WI. Information: Brian Long KB9LRD [fcarc@w9zl.org](mailto:fcarc@w9zl.org) Website: <http://www.fcarc.us>

## The Test Point



Amateur Radio Examination Locations  
and Schedules in the Area

January 07, 2006	St. Paul, MN
January 12, 2006	Apple Valley, MN
January 14, 2006	Blaine, MN
January 14, 2006	Oshkosh (Omro), WI
January 17, 2006	Eden Prairie, MN
January 19, 2006	Iron River, MI
January 21, 2006	Cottage Grove, MN
January 21, 2006	Milwaukee, WI (BE)
January 21, 2006	Loves Park, IL
January 28, 2006	Bloomington, MN
January 28, 2006	Tomahawk, WI
January 28, 2006	Milwaukee, WI (MRAC)
February 04, 2006	Racine, WI
February 04, 2006	St. Paul, MN
February 09, 2006	Apple Valley, MN
February 11, 2006	Oshkosh (Omro), WI
February 11, 2006	Blaine, MN
February 17, 2006	Iron River, MI
February 18, 2006	Cottage Grove, MN
February 18, 2006	Loves Park, IL
February 18, 2006	Milwaukee, WI (BE)
February 21, 2006	Eden Prairie, MN
February 25, 2006	Bloomington, MN
February 25, 2006	Milwaukee, WI (MRAC)
February 25, 2006	Tomahawk, WI
March 04, 2006	Racine, WI
March 04, 2006	St. Paul, MN
March 09, 2006	Apple Valley, MN
March 11, 2006	Oshkosh (Omro), WI
March 11, 2006	Blaine, MN
March 17, 2006	Iron River, MI
March 18, 2006	Cottage Grove, MN
March 18, 2006	Loves Park, IL
March 18, 2006	Milwaukee, WI (BE)
March 21, 2006	Eden Prairie, MN
March 25, 2006	Bloomington, MN

March 25, 2006.	Tomahawk, WI
April 01, 2006	Racine, WI
April 01, 2006	St. Paul, MN
April 08, 2006	Blaine, MN
April 08, 2006	Oshkosh (Omro), WI
April 13, 2006	Apple Valley, MN
April 15, 2006	Milwaukee, WI (BE)
April 15, 2006	Loves Park, IL
April 15, 2006	Cottage Grove, MN
April 18, 2006	Eden Prairie, MN
April 20, 2006	ron River, MI
April 22, 2006	Bloomington, MN
April 29, 2006	Milwaukee, WI (MRAC)
April 29, 2006	Tomahawk, WI
May 06, 2006	Racine, WI
May 06, 2006	St. Paul, MN
May 11, 2006	Apple Valley, MN
May 13, 2006	Blaine, MN
May 13, 2006	Oshkosh (Omro), WI
May 16, 2006	Eden Prairie, MN
May 18, 2006	ron River, MI
May 20, 2006	Loves Park, IL
May 20, 2006	Cottage Grove, MN
May 27, 2006	Bloomington, MN
May 27, 2006	Milwaukee, WI (MRAC)
May 27, 2006	Tomahawk, WI

Monthly, 1st Sat. (except Jan., Jul., & Aug.)	Racine, WI
Monthly, 1st Sat.	St. Paul, MN
Monthly, 2nd Thu.	Apple Valley, MN
Monthly, 2nd Sat.	Blaine, MN
Monthly, 2nd Sat.	Oshkosh (Omro), WI
Monthly, 3rd Tue.	Eden Prairie, MN
Monthly, 3rd Thu.	Iron River, MI
Monthly, 3rd Sat. (September through April)	Milwaukee, WI (BE)
Monthly, 3rd Sat.	Loves Park, IL
Monthly, 3rd Sat.	Cottage Grove, MN
Monthly, 4th Sat.	Bloomington, MN
Monthly, Last Sat. (Except Mar., Jun., Aug., & Dec.)	Milwaukee, WI (MRAC)
Monthly, Last Sat. (January thru October only)	Tomahawk, WI

GENERAL RULES FOR MOST EXAMINATIONS: Be sure to check with sponsors before going to an examination session. There may be changes and/or errors in the dates or information given. Some examinations require filing an FCC or NCVEC Form 605 and advance registration at least 30 days before the exam date. Some VE teams permit walkins. Check with the sponsor.

Many hamfests and swapfests offer examinations. A Hamfest entrance fee should not be charged if you come only to attend the examination. To register in advance, you must get a copy of the current FCC Form 605, and fill it out completely and correctly. Get your form from the FCC as instructed below, or from the American Radio Relay League, 225 Main Street, Newington, CT 06111. Please send an SASE if you request a form from the League. FCC Field Offices seldom stock forms. You can also get a form from

<http://www.fcc.gov/formpage.html>  
or  
<ftp://ftp.fcc.gov/pub/Forms/Form605>.

A form by FAX is available at (202) 418-0177 (request Form 000605). The FCC Forms Distribution Center will accept orders at (800) 418-3676. Form 605 has a main form, plus a Schedule D with two parts (for Vanity and Physician's Certifications). Forms can also be obtained from the sponsoring group.

See QST, W1AW bulletins, or The ARRL Letter regarding any annual exam fee changes. ARRL/VEC no longer gives a free code test or

Element 2. Test fees: The ARRL/VEC has set its 2005 test fee at \$14.00. FCC requires applicants to show their original amateur license or CSCE to the VE team. You must also have a good copy of your license or CSCE. A copy of your license or CSCE must be attached to your FCC form 605 and most VE teams need a copy for their records. One good CSCE copy is sufficient. You are also be required to have a photo ID, or two other forms of ID. Contact the VE team for details.

Technician class licensees must show proof of testing before March 21, 1987, in order to upgrade to General with a code test only. Proof must be either in the form of a pre-3/21/87 license document or a "Letter of Verification of Technician License Held Prior to 1987" as requested in writing from the FCC, 1270 Fairfield Road, Gettysburg, PA 17325-7245. For those with internet access, a listing of exam sessions is available from:

<http://www.arrl.org/arrlvec/examsearch.phtml>

By checking this page, you can find registered VE sessions anywhere in the US and some overseas. You can search by country, state or zip code. The listing is not specific to any particular VEC. It is a master database. Thanks to Bart Jahnke, W9JJ, ARRL/VEC.

Adams, WI  
Adams City Fire Dept., 101 N. Main St., Highway 13, Adams, WI. Contact Edward J. Wagner (608) 584-4858. [ab9fn@arrl.net](mailto:ab9fn@arrl.net)

Appleton, WI  
Fox Cities ARC (ARRL/VEC) All regular test sessions are held at the American Red Cross Building, 1302 East Wisconsin Ave. in Appleton. Testing starting at 8 a.m. No walk-ins after 9 a.m. For information, contact George R. Croy, W9MDP, 2113 Twin Willows Drive, Appleton, WI 54914. (920) 730-0967. Email: [w9mdp@arrl.net](mailto:w9mdp@arrl.net).

Eau Claire, WI  
Eau Claire Amateur Radio Club. Grace Lutheran Church, 202 W., Grand Ave. Enter off 2<sup>nd</sup> Avenue entrance, Eau Claire, WI  
Technician, General and Extra Class exams. Walkins welcome. Examination session coordinator: Jonathan E., Case, (715) 834-1540. [www.ecarc.org](http://www.ecarc.org). [w9eau@ecarc.org](mailto:w9eau@ecarc.org).

Fond du Lac, WI  
Fond du Lac ARC (ARRL/VEC). Community United Methodist Church, 701 Minnesota Ave., North Fond du Lac. 9:00 a.m. Walk-ins allowed. Contact: Douglas J. Schultz, 920-922-3088, [schultz74@charter.net](mailto:schultz74@charter.net).

Houghton MI: Sponsor: HARC/CCRAA. Time: 8:30 AM (Walk-ins allowed). Contact: George R Thurner home phone, (906)337-2542, cell phone (906) 369-2542 Email: [W8FWG@ARRL.NET](mailto:W8FWG@ARRL.NET) VEC: [ARRL/VEC](http://www.arrl.org) Location: Michigan Tech University-US Hwy 41. Wadsworth Residence Hall, East End of Campus, G04w (Downstairs/Turn Left), Houghton, MI 49931

Iron Mountain, MI 49801: Sponsor: W5YI VEC. Time: 9:00 AM (Walk-Ins Allowed). Contact: Mark J Lewis, (906)337-2542 . VEC: [W5YI VEC](http://www.w5yi.org). Location: Dickinson County Library, 401 South Iron Mountain St., Arrival

Time: 9:00 AM. Conference Room, Iron Mountain, MI 49801

Iron River, MI. Sponsor: Iron Range ARA (IRARC). Time: 6:30 PM (No walk-ins). Contact: Dan R Waters, (906)265-4240. Email: [dmwaters@ironriver.tv](mailto:dmwaters@ironriver.tv) VEC: [W5YI VEC](http://www.w5yi.org). Location: Iron River Lutheran Church, Across From Mcdonald's. Pre-Registration Required. If no applicants - No testing. Iron River, MI 49935

Madison, WI  
The Madison Wisconsin, Four Lakes Amateur Radio Club sponsored VE testing has moved to the new University of Wisconsin Space Place, 2300 South Park Street, lower level, Madison, WI in the Villager shopping center complex. Exams are given the first Saturday of the month. Holidays included. Doors open at 8:00 AM, and we hope to have all exams completed and graded by 10:00 AM.

Please bring a picture ID, your original license, a copy of your license, and the original and a copy of any relevant CSCEs, and a check for \$12.00 made out to the ARRL/VEC. No appointments are necessary to take exams. Exams start promptly at 8 a.m. Questions may be directed to Tim Czerwotka, WO9U, at 608-239-3696 (home phone) or sent to [wo9u@arrl.net](mailto:wo9u@arrl.net).

Marshfield, WI  
Sponsored by the Marshfield Area ARS. Saint Joseph's Hospital, 611 Saint Joseph Ave., Room 124, Hospice South Bldg., Marshfield, WI 54449. Contact Lee A. Olson, (715) 389-8888.

Mauston, WI (ARRL/VEC)  
Sponsored by the Juneau County ARC. 9:30 a.m. (Walk-ins allowed). Mauston City Hall, 303 Mansion St., Community Room, 4<sup>th</sup> Floor, Mauston, WI. Contact Edward J. Wagner, (608) 584-4858. [ab9fn@arrl.net](mailto:ab9fn@arrl.net)

Menominee, MI  
Marinette-Menominee Amateur Radio Club. Location: The cafeteria of Bay Area Med Center, US-41 in Menominee. Building located next to KFC just off the Interstate Bridge. All classes given. Advance notice preferred, but not required. Test fee is \$10 with two pieces of identification required. Contact Jeff Rymer, N9PQU at [jrymer@ez-net.com](mailto:jrymer@ez-net.com) or Ed Engleman, KG8CX, at [dxer@cybrzn.com](mailto:dxer@cybrzn.com). We will monitor the 147.000 (107.2 pl) repeater in event further directions or info is needed.

Milwaukee, WI  
Milwaukee Radio Amateurs' Club (MRAC VEC) Last Saturday, except in March, June, August, and December. In addition, we test at the West Allis RAC Swapfest in January and at Superfest in April. 9:30 a.m. to noon at Amateur Electronic Supply (AES), 5710 W. Good Hope Road (the door you enter is actually numbered 5730), Milwaukee. For additional information, call (262) 797-MRAC. Bring along your original license, CSCE (if any), and one (1) good quality photocopy of each, plus two forms of identification, such a driver's license, etc. Also required is \$8.00 for the exam fee. Walkins are welcome. To register in advance, use a post card. Print the grade of license you are applying for, your name, address, and telephone number, and send the card to MRAC/VEC, Milwaukee

(continued on page 8)

# Wisconsin Nets Association Ltd.

Dean R. Herriges, KB9ROB, Secretary  
W370 S9590 Highway 67 • Eagle, WI 53119

## WISCONSIN NETS

Net	WNA	Freq.	UTC	LOCAL	Manager
BWN	YES	3985	1200	0600	W9IXG
BEN	YES	3985	1800	1200	KE9VU
WSBN	YES	3985	2315	1715	K9FHI
WNN	YES	3723	0000	1800	KB9ROB
WSSN	YES	3645	0030	1830	N9JIY
WIN/E	YES	3662	0100	1900	WB9ICH
WIN/L	YES	3662	0400	2200	W9UW
RCRA	NO	01/61	0130	1930	KA9OMC
(Mondays CDT— Menomonie Area)					
Green Bay Area	NO	72/12	0345	2145	WB9NRK
ARES	NO	4.65/5.25	0300	2100	
(South East/South Central Wisconsin)					
ARES/RACES (WRACES)	NO	3997.5	0000	1800	N9VAO

### STM REPORT WISCONSIN SECTION

November 2005

The traffic handlers of Wisconsin are again saddened by the loss of a good friend and outstanding traffic handler – W9IHW. Gus will be remembered warmly and deeply missed.

FAQ #50 – What about x-rays? I mean . . . in messages. Are they counted? When do we need them? How do we send them? When do we not need them? -- The answers are yes, sometimes, easily, and on several occasions. Yes, we use the letter x as punctuation (a period, a sentence stop) in a

message and – since it’s part of the text – it counts as a word in the check. An x-ray is sent by saying it on phone, sending it in digital mode, or sending the “x” on CW. An x-ray is not needed after an ARL numbered text or at the end of the text before the signature (because there’s already a break there). We should not see them there – even with our x-ray vision.

Happy holidays! How about a New Year’s resolution to check the section nets more often? Or a promise to yourself to volunteer as a net control. You’d be very welcome. 73 – Denny K9LGU/STM-WI

### STM REPORT WISCONSIN SECTION

December 2005

FAQ #51 How did we do in 2005? Another year, another compilation of statistics. This past year, we lost a number of excellent traffic handlers. Those that became silent keys are sorely missed, but new voices and CW fists are emerging to help fill the void. Please encourage new Hams and those who have not been active in traffic handling to participate in this phase of the hobby. ORS appointments are available. Net operation is fun.

In 2005, there were 2,414 formal NTS net sessions in our section. Those nets checked in

41,259 stations and passed 28,211 pieces of formal traffic. Compared to 2004, when we had better conditions and better reporting of 2,463 net sessions, we checked in 43,083 stations and handled 25,966 pieces of traffic. So check-ins are down (by 1824) and traffic is up (by 2,245). Does that mean fewer Hams are doing more work? Maybe. Please help. Thanks to all who support the nets and Ham Radio in Wisconsin.

3-year comparison

	2003	2004	2005
QNI	42010	43083	41259
QTC	23597	25966	28211
SSNS	2548	2463	2414

### WISCONSIN SECTION MONTHLY NET ACTIVITY SUMMARY

November 2005

NET	QNI	QTC	QTR	SSNS	NM
BWN	1785	2278	3335	30	W9IXG
BEN	533	68	972	29	KE9VU
WSBN	707	94	1080	30	K9FHI
WNN	200	18	359	28	KB9ROB
WSSN	160	20	293	28	N9JIY
WIN/E	184	18	241	28	WB9ICH
WIN/L	128	31	281	30	W9UW
WRACES	66	0	133	4	N9VAO
TOTALS	3763	2527	6694	207	

### STATION ACTIVITY SUMMARY

November 2005

STATION	ORIG	RCVD	SENT	DLVD	TOTAL
KB9KEG	0	463	33	463	959 –BPL
KA9EKG	32	257	236	17	542 -BPL
K9LGU	0	52	38	1	91
AG9G	0	9	51	0	60
K9FHI	0	20	30	0	50
K9JPS	0	7	30	7	44
W9KKM	0	4	35	4	43
KG9B	0	2	38	0	40
KE9VU	0	25	9	0	34
KN9P	1	15	15	1	32
W9UW	0	21	10	0	31
K9GU	0	0	26	0	26
KB9ROB	0	21	3	1	25
W9RSX	0	4	17	0	21
N9NNN	0	0	17	0	17
WB9ICH	0	8	2	0	10
N9UAR	1	5	3	0	9
K9UTQ	0	0	4	0	4
W9PVD	0	0	1	0	1

### P S H R SUMMARY

November 2005

CALL	1	2	3	4	5	6	T
KB9KEG	40	40	20	100	0	10	210
KG9B	29	40	20	85	0	0	174
AG9G	40	40	20	30	0	0	130
K9FHI	40	40	30	5	0	10	125
K9LGU	40	40	30	10	0	0	120
K9JPS	30	40	10	15	0	0	95
W9RSX	40	21	10	0	0	0	71

continued on page 6

Check us out on the web at  
<http://www.bsسسs.org>

# The Computer Corner

by Stan Kaplan, WB9RQR  
715 N. Dries Street  
Saukville, WI 53080-1664  
(262) 268-1949  
skaplan@mcw.edu



## No. 127. Networking

A home network makes life much easier. I have three desktops and a laptop networked in my office, plus I often get on the network from my basement workshop. Let me explain.

In my office, a little box is connected to three desktop computers via cables. The box is called a **switch**; actually, it is a four-port switch, which means I could add a fourth computer, but I only have three connected. The box is also a **wireless access point router**. It has two little antennas on it, which communicate with my laptop with no physical connections between the two – it communicates via RF. So, all four computers can communicate with each other, and they are all members of a **LAN**, or Local Area Network. I can send files to any of the other three from the computer I am working at, or I can pull files from any of the others to the machine I am working at. Indeed, when finished with this article, I will put copies on each of the other three as backups. A typical Computer Corner file will take well under a second to transfer. Sure beats the day of the “sneaker net” – copying a file to a floppy, then taking it across the room and copying it to the hard drive of another machine.

So, the four machines can communicate. But there is more. The switch is connected via a short cable to my Cable Modem that provides Roadrunner service. That means that all four computers also have access to the Internet. If I start my Firefox browser on any of the computers, I am instantly on the Internet for browsing, email or downloading files. So my LAN is also part of a **WAN** (Wide Area Network), actually a world-wide network, the Internet.

All this network activity takes very little time. My LAN as configured can move data from 10 to 100 Mbps (megabytes per second). When transferring at 10 Mbps, that is the equivalent of moving about seven floppy disks full of data every second. At 100 Mbps, 70 floppies worth of data move every second!

Some of you may know that for

many years, I have been rebuilding computers for ARES/RACES use in the State of Wisconsin. I physically refurbish donated computers, then repartition and reformat the hard drives and add one or another version of the Windows operating system. Well, there are lots of security and other updates that need to be added to whatever version of Windows I am working with. I do it in my basement workshop by connecting to my LAN, and since my LAN is connected to the Internet, it is easy to download the needed updates.

How is this done? In my workshop I have a little “bauble”, which looks much like a keychain drive. You probably have seen keychain drives – little gadgets that when plugged into a USB port become a removable drive, and allow you to transfer 32, 64, 128 Mb or even a gigabyte or two of data between the computer and the drive. Well, this looks like a keychain drive, but it is not. Called a **Wireless LAN Mini USB Adapter**, it instantly connects with my LAN, two floors above, using RF. I plug it in, click START, then WINDOWS UPDATE, and instantly I am on the Internet getting ready to download whatever is needed. Boy, does that bauble make life easier! Oh yes, it requires the installation of a driver, but that takes about a minute. I keep the driver and installation program handy on a standard keychain drive. I just plug that drive in and run the program (drivers for the keychain drive itself are built into all modern versions of Windows, so no driver installation is necessary for that).

Is a network expensive? No. You can buy a 5-port switch for about \$20. One with a built-in wireless router can be had for about \$65. You will need to add the cost of cables for your fixed computers, and a wireless PC card for your laptop. You may even find some of this stuff at a local swapfest – keep a sharp eye out. Oh yes, add a bunch of time to get it all wired and running. Get a local networking guru in your radio club to help you over any rough spots in the physical installation and setup. And please, be sure to have a firewall (Zone Alarm) and virus protection on each machine on the network if the switch is to be connected to the Internet. If it is, each computer will be

connected to the Internet whenever the LAN is up and running and that particular machine is on.

When you are all done, it will be a pleasure. Hey, the Ozaukee Radio Club has had networked logging computers at

each Field Day transmitter site for the last couple of years. Last year, we even had a server computer in a central location that displayed the progress of each networked station during the entire contest. Happy Computing!

## No. 128. A Brief History of Windows

I have mentioned before that Windows NT came out even before Windows 95, and thought you might like to see a brief chronological history of the whole Windows line to date.

YEAR	VERSION	NOTES
1985	Windows1.0	Announced in 1983 and released 1985 as an extension of DOS, Windows 1.0 was the first <b>GUI (Graphical User Interface)</b> released by Microsoft. Also the first time use of bitmap displays coupled with a mouse pointing device to control Microsoft programs.
1987	Windows 2.0	Designed for use with the Intel 286 processor and expanded memory. GUI improved.
1990	Windows 3.0	The first widely popular version of Windows, used by many people with the newly available 386 PC. This version had improved performance and used up to 16 colors.
1993	Windows NT 3.1	<b>NT</b> stands for <b>New Technology</b> , an <b>Operating System (OS)</b> designed for business applications. This first version was designated 3.1 to be consistent with Windows 3.1, already in the marketplace when NT was released. However, Windows 3.1 was still a 16-bit operating system, while NT was a 32-bit OS. Integrated networking and high security made it a natural for business.
1993	Windows for Workgroups 3.11	Windows for Workgroups was simply an updated version of Windows 3x that incorporated networking and peer-to-peer workgroup support.
1994	Windows NT Workstation 3.5	Improved security and the first Microsoft OS to migrate from the old 8.3 character filename conventions (TIMECARD.DOC) to a maximum of 255 characters.
1995	Windows 95	Replacing MS-DOS, Windows 3.1 and Windows for Workgroups, this OS incorporated 32-bit Internet software support, plug-n-play capabilities and enhanced multimedia support.
1996	Windows NT Workstation 4.0	Upgraded, enhanced version of NT Workstation 3.5, using the very popular Windows 95 GUI (Desktop).
1998	Windows 98	The first version of Windows designed specifically for consumers (as opposed to computer jockeys). Much improved over Windows 95.
1999	Windows 98SE	The SE stands for Second Edition, an improved version that fixed many bugs in Win98. The first consumer OS that used device drivers that also worked with NT.
2000	Windows Me	<b>Me</b> stands for <b>Millennium Edition</b> , an OS designed for home users. The last OS to be based on the Windows 95 code base. Widely considered Microsoft’s poorest OS.
2000	Windows 2000 Professional	Designed to replace Windows 95, 98 and NT Workstation 4, this OS was built on the NT code base with full plug-n-play support. Good networking support, too.
2001	Windows XP	<b>XP</b> stands for <b>Experience</b> . Also built on the NT code base, XP was designed to merge Microsoft’s business and consumer operating systems into a single entity. Three versions were released in 2001. XP Home Edition is a simplified version, while XP Professional is full-featured with enhanced security and networking. XP 64-Bit Edition is the first Microsoft OS that can use the new 64-bit processors. Windows XP Media Center edition, released in 2002, sports all the capabilities of XP Professional but with enhanced multimedia support. Also released in 2002 was the XP Tablet PC edition, designed specifically for notebooks and handwriting recognition.

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THE COMPUTER CORNER

continued from page 5

DOS-BASED	NT-BASED
Win 1 –3x	Win NT
Win 95	Win NT Workstation
Win 98, all versions	Win 2000, all versions
Win ME	Win XP, all versions

That is a thumbnail chronological history of Windows, but it leaves out an important fact. When one looks at the underlying code of Windows, there have been only two versions! Look at the next table.

Windows through version 3x (the x stands for .0 - .3), 95, 98 and ME all are DOS-based operating systems. That is, MS-DOS is the underlying master controller, and Windows cannot talk directly to the hardware. When you tell Windows 98se to write to a floppy, it sends a request to DOS to do the job. DOS then asks the BIOS (Basic Input/Output System) to talk to the hardware to get the job done. When the process is done, DOS reports back to

Windows and Windows then tells you the bald-faced lie, “I’ve completed your job, boss.”

Humans can even give commands directly to DOS in all DOS-based OS in the table except ME, where DOS still exists but has been effectively hidden from human view. As the saying used to go, “DOS RULES”.

NT is a different story. There is no underlying DOS-based OS that Windows has to talk to. It can do everything itself, including talking directly to the hardware in many cases, even bypassing the BIOS.

The whole point here, though, is that there is very little new under the sun. The latest and greatest XP you are running on your home computer is based on NT code that was written back in 1994. Oh, there have been enhancements, for sure. But the underlying base is still old stuff. Maybe it is time for Microsoft to do something really new? Like an OS that doesn’t take 3 – 5 minutes to boot itself up? Happy computing!

in the Badger Weather Net especially in the NW and SW part of the state. We have very few stations provide daily weather reports from those areas. The data is shared with other government agencies in addition to updating the NWS computer models based on the "ground truth" data from homes of Amateurs. The net meets daily from 5 to 7:15 a.m. on 3985 KHz. You would report your 24 hour high temperature, low temperature, precipitation, new snow fall, snow on the ground. You can be in and out in a few minutes. More information can be found on this NWS site developed specifically for the BWN:

<http://www.crh.noaa.gov/mkx/badgernet.php>

Click on attachments under the "Observation Guidelines". If you have HF capability, we invite you to join the BWN and provide a worthwhile public service to Wisconsin! If interested, please contact me, Don, W9IXG. Email [w9ixg@arrl.org](mailto:w9ixg@arrl.org)

\*\* Several members of the ORC--W9IPR, WJ9O, N9NNE, KC9FZK, and WB9RQR, attended a CERT (Community Emergency Response Team) training session where they learned the fundamentals of fire

WISCONSIN: SM: Don Michalski, W9IXG, SEC: KB9ENO, STM: K9LGU, SGL: AD9X, OOC: N9VE, PIC: KB9NUM, TC: K9GDF, BM: WB9NRK, ACC: N9LVS ASM: K9UTQ, W9DGI, N9VE.

\*\* With deep regret, I am informing you of the passing of the following Amateurs:

-- John LeFeber, W9VAT, 80. John was instrumental in the creation of the Wisconsin Association of Repeaters, and was the state's first frequency coordinator. He was, also, instrumental in the repeater that became the current 146.31/146.91 Milwaukee Repeater Club system.

-- Ben Wright, K9DID, 64.

-- Jim Kimball, K9JXW, 61. Jim was a member of WVRA and RMRA.

-- John Jeffrey, N9MEF, 73.

-- Edward Schlosser, K9FIG, 84.

-- Gus Bonow, W9IHW, 85. Gus was a long time member and co-founder of the Badger Weather Net- the nation's oldest weather net.

\*\* The National Weather Service-Sullivan has asked me to announce the (desperate) need for more amateur participation

Check us out on the web at <http://www.bsss.org>

fighting, search & rescue, immediate first aid, triage and emergency preparedness. Good skills to know!!

\*\* EmComm courses, EC-001, EC-002, EC-003, continue despite the fact the grants are no longer available for reimbursement. These continuing education programs are well worth the \$45. We hope that you will enroll in these as well as other courses being offered by the ARRL. More information is given at this site: <http://www.arrl.org/cce/>

\*\* Congratulations to Keith, KY9P, [ky9p@arrl.net](mailto:ky9p@arrl.net), for being appointed VHF-UHF Century Club (VUCC) Awards Manager! Keith joins K9APW and KE9KW as authorized VUCC awards managers for Wisconsin. More information on these awards and application

can be found at this site: <http://www.arrl.org/awards/vucc/> We hope you take advantage of this and other ARRL award programs!

\*\* STM REPORT WISCONSIN SECTION NOVEMBER 2005 The traffic handlers of Wisconsin are again saddened by the loss of a good friend and outstanding traffic handler - W9IHW. Gus will be remembered warmly and deeply missed.

FAQ #50 - What about x-rays? I mean . . . in messages. Are they counted? When do we need them? How do we send them? When do we not need them? -- The answers are yes, sometimes, easily, and on several occasions. Yes, we use the letter x as punctuation (a period, a sentence stop) in a message and - since

(Continued on page 9)

(Continued from page 4)

MONTHLY NET ACTIVITY SUMMARY  
December 2005

NET	QNI	QTC	QTR	SSNS	NM
BWN	1832	2526	4597	31	W9IXG
BEN	554	65	1071	30	KE9VU
WSBN	739	84	1072	31	K9FHI
WNN	186	20	301	25	KB9ROB
WSSN	160	23	280	27	N9JIY
WIN/E	171	34	246	29	WB9ICH
WIN/L	138	52	293	31	W9UW
WRACES	45	0	77	3	N9VAO
totals	3825	2804	7937	207	

STATION ACTIVITY SUMMARY  
December 2005

STATION	ORIG	RCVD	SENT	DLVD	TOTAL
KB9KEG	0	688	38	688	1376 - BPL
KA9EKG	44	604	585	20	1253 - BPL
K9LGU	0	61	45	3	109
AG9G	0	17	68	0	85
K9FHI	0	31	40	1	72
W9UW	0	36	25	1	62
K9JPS	0	10	29	10	49
KG9B	0	3	42	0	45
W9KKM	0	2	40	2	44
KN9P	0	22	22	0	44
KE9VU	0	26	12	0	38
W9BHL	0	3	28	1	32
K9GU	0	0	27	0	27
WB9ICH	0	20	6	0	26
WD9FLJ	1	11	7	5	24
KB9ROB	0	17	4	1	22
AA9BB	0	0	21	0	21
W9RSX	0	2	12	0	14
W9PVD	0	3	1	3	7
K9UTQ	0	0	3	0	3

P S H R SUMMARY  
December 2005

CALL	1	2	3	4	5	6	T
KB9KEG	40	40	20	115	15	10	240
KG9B	13	40	20	110	0	0	183
AG9G	40	40	20	30	0	0	130
K9FHI	40	40	30	5	0	0	115
K9LGU	40	40	30	5	0	0	115
W9BHL	40	40	30	0	0	0	110
WD9FLJ	40	24	20	0	0	0	84
W9RSX	40	14	10	0	0	0	64
K9JPS	26	26	10	0	0	0	62



FAR Scholarships for 2006  
Announced

THE FOUNDATION FOR AMATEUR RADIO, INC., a non-profit organization with headquarters in Washington, D.C., plans to administer fifty-five (55) scholarships for the academic year 2005 - 2006 to assist licensed Radio Amateurs. The Foundation, composed of over seventy-five local area Amateur Radio Clubs, fully funds three of these scholarships. Ten are funded with the income from grants. The remaining forty-two (42) are administered by the Foundation without cost to the various donors.

Licensed Radio Amateurs may compete for these awards if they plan to pursue a full-time course of studies beyond high school and are enrolled in or have been accepted for enrollment at an accredited university, college or technical school. The awards range from \$500 to \$2500 with preference given in some cases to residents of specified geographical areas or the pursuit of certain study programs. Clubs, especially those in Delaware, Florida, Maryland, Ohio, Pennsylvania, Texas, Virginia and **Wisconsin**, are encouraged to announce these opportunities at their meetings, in their club newsletters, during training classes, on their nets and on their world wide web home pages.

Additional information and an application form may be requested by letter or QSL card, postmarked prior to April 30, 2005 from:

FAR Scholarships  
Post Office Box 831  
Riverdale, MD 20738

The Foundation for Amateur Radio, incorporated in the District of Columbia, is an exempt organization under Section 501(C)(3) of the Internal Revenue Code of 1954. It is devoted exclusively to promoting the interests of Amateur Radio and those scientific, literary and educational pursuits that advance the purposes of the Amateur Radio Service.

We seem to be back on schedule, and hopefully you will be receiving this before the First of February.  
A reminder, if you want to receive a copy of BSSS by e-mail let me know. It is a large attachment it can take a bit of time if you have a slow connection. We usually send it by e-mail at the same time we send it to the printer, so you can get a copy as much as two weeks earlier than by snail mail. You can still receive the mail copy at the same time is you want. No extra charge is made for this service.  
73 ken k9en

2006 WISCONSIN  
QSO PARTY

(Continued from page 1)

and 79 phone Q's in 64 Wisconsin counties using 5 watts. He also set a new record score for out-of-state stations.

Jim began his amateur radio career in 1967 with a novice callsign of WN0RPI, which later became WA0RPI. After a bit he obtained N0UR, which he says is a shorter, easier call. His main interests are CW (as QRP) and contesting. He uses an Elecraft K2 transceiver.

Most contacts were on 40 meters using a dipole. His 80 meter Q's were made using an inverted L that's tuned to the CW portion of the band. The L antenna is a quarter-wave wire up about 40 feet, with two buried radials and two quarter-wave radials about five feet above ground. It is wrapped around the house and it is fed with coax.

During WIQP he concentrated on CW, but would tune through the phone bands when there was nothing new on CW. He says he just kept moving and tuning, with 99% of his contacts made via S/P, which stands for Search and Pounce.

He likes the great turnout of WIQP with its short time frame. He does have family in Wisconsin along with many friends. He wishes he could work more Wisconsin stations on 20 meters. He mentioned an advantage being next to Wisconsin. I suspect that might have helped, although being QRP must have been the "negative" part. No matter, Jim still won the single operator plaque for the highest score from an out-of-state entry.

I am always happy to be able to provide articles to the club membership about some of our WIQP participants. It makes me proud to be a small part of this very popular event each March. I hope that WARAC sponsorship of WIQP will continue for many, many more years. Mark your calendars for that Sunday afternoon. I hope to work all of our club members during WIQP 2006.

From *WARAC HAMTRIX*  
Jan. 2006

The rules for the 2006 Wisconsin QSO Party are in the next column. Full information including the WQP multiplier list, Wisconsin counties map and information on electronic log format and more can be obtained at the WARAC web site <http://www.warac.org/wqp/wqp.htm>

2006 WISCONSIN QSO PARTY Rules

DATE/TIME: 1800Z MARCH 12 - 0100Z MARCH 13, 2006

MODES: CW and Phone. All stations may be worked once per mode on each band. In addition, mobiles may be worked once per mode per Wisconsin county that they operate from. Mobiles cannot sit on a county line.

ENTRY CLASSES

Single Operator Fixed    Multi Operator Fixed    Multi Xmtr/Multi Op Fixed  
Single Operator Mobile    Multi Operator Mobile    Multi Xmtr/Multi Op Mobile  
Single Operator Novice    Single Operator Tech    Multi Operator Tech

POWER LEVEL:High (over 150W), Low (5 to 150 watts), QRP (less than 5 watts).  
(Choose only one.)

EXCHANGE: Wisconsin stations send county.  
Non-Wisconsin stations send state or province or country.

SUGGESTED FREQUENCIES

CW: 3550, 3705, 7050, 7125, 14050, 15M CW, 10M CW, 6M CW, 2M CW  
Phone: 3890, 7230, 14290, 21350, 28400, 6M SSB & FM, 2M SSB & FM  
\*\* ALL amateur bands and modes, where contesting is not prohibited, may be used.

SCORING

Phone contacts count 1 QSO Point; CW contacts count 2 QSO Points. No Repeater QSOs.

Multiply CW + phone points by Power Level multiplier to determine CONTACT POINTS.

WISCONSIN STATIONS: Multiply CONTACT points by the sum of Wisconsin counties (max. 72), plus states (max. 50) plus Canadian provinces (max. 13) worked. Note: DX countries worked count for QSO points but not as multipliers.

NON-WISCONSIN STATIONS: Multiply CONTACT points by the number of Wisconsin counties worked (max.72). Note: Only Wisconsin contacts count.

BONUS: WISCONSIN MOBILES/PORTABLES: Add 500 bonus points for each county that you operate from, outside your home county, with a minimum of 12 QSOs per county to qualify.

LOGS: Entries must contain a log consisting of: Time (GMT), call, band, state/province, Wisconsin county, mode and a complete Score Summary including YOUR name, address and call. Circle new multipliers as worked. Logs containing more than 200 QSOs must be accompanied by a dupe sheet (separate dupe sheet for each mode). Mobile entries must indicate county changes in log. Entries must be postmarked by April 12, 2006 and sent to:

WISCONSIN QSO PARTY  
WEST ALLIS RADIO AMATEUR CLUB  
P. O. BOX 1072

AWARDS

WISCONSIN: Awards will be presented to the following  
a. Highest single operator score in the QSO Party.  
b. 10 highest single operator scores in each entry class.  
c. Highest multi-operator score in each entry class.  
d. Highest aggregate club score (club member stations to be located within 50 miles of the club, except for mobiles).

NON-WISCONSIN: Awards will be presented to the following:  
a. Highest single operator score in the QSO Party.  
b. Highest single operator score in each single operator category in each state/province.

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THE TEST POINT

(Continued from page 3)

Radio Amateurs Club, P.O. Box 070695, Milwaukee, WI 53207. Contact: John G. Kraak, 262-797-6722.

Negaunee, MI. Sponsor: HIAWATHA ARC. Time: 8:00 AM (Walk-ins allowed). Contact: Richard E Schwenke, (906)249-3837, Email: [n8gba@chartermi.net](mailto:n8gba@chartermi.net) VEC: [ARRL/VEC](#). Location: Health Dept Bldg (Downstairs), 184 US 41 E, Entrance @ Back of building. Negaunee, MI 49866

Onalaska, WI  
Sponsor: Riverland ARC, Time: 9:00 AM (Walk-ins allowed), For time and location contact: Roger Reader, (608)783-0723. Email: [readers@centurytel.net](mailto:readers@centurytel.net). VEC: [ARRL/VEC](#).

Oshkosh, WI (Omro)  
Oshkosh VE Team Amateur Radio exams monthly on the second Saturday. Registration begins at 8:30 a.m. and exams will be given from 9 a.m. until noon. Omro Community Center, 130 W. Larrabee, Omro, WI. Walkins welcomed. Bring a good quality photocopy of your original license and any other necessary documents such as a CSCE, etc. The first session will be through W5YI/VEC, and then sessions will alternate between ARRL/VEC and W5YI/VEC. The exam fee is \$6.65. For more information, please call Dick Lemme, K9FA, at (920) 235-0987, e-mail: [lemme@vbe.com](mailto:lemme@vbe.com), or write Dick at 826 Jefferson Street, Oshkosh, WI 54901.

Ozaukee, WI  
Sponsor: Ozaukee Radio Club. Time: 9:00 AM (Walk-ins allowed), Contact: John G. Kraak. (414)332-6722. Email: [jkraak@wi.rr.com](mailto:jkraak@wi.rr.com). VEC: [Milwaukee VEC](#). Location: Circle B Recreation Center, 6261 State Road 60, Cedarburg, WI 53012

Portage, WI  
Columbia County Law Enforcement Center, 711 E. Cook St., Highway 33, Portage, WI. Time: 9:00 AM (Walk-ins allowed), Contact: Edward J. Wagner, (608)584-4858 Talk in on 146.52.

Email: [ab9fn@arrl.net](mailto:ab9fn@arrl.net). VEC: [ARRL/VEC](#). Location: Columbia County Law Enforcement Center, 711 E Cook St, Highway 33, Portage, WI 53901 Talk-in Frequency 146.520 MHz.

Racine, WI  
ARRL VEC Monthly - first Saturday, except January, July, and August. Monthly exams are given 9 to 11 a.m. at the Faith United Methodist Church, 1013 Harmony Drive, Racine. Walk-ins are permitted. Talk in on 147.87/.27. Inquiries and registrations should be directed to Paul B. Smedegaard, N9RGW, 929 Lathrop Ave., Racine, WI 53405-2339. Telephone: (262) 637 4750. or e-mail to [smedegaa@wi.net](mailto:smedegaa@wi.net)

Rockford, IL

Northern Illinois Volunteer Examiners (W5YI VEC) Third Saturday of every month. 9:00 a.m. to noon. No new applicants after 11:00 a.m. Walkins welcome. Held at St. Anthony Hospital, 5660 E State St., Rockford, IL. Rusty Cordell, WB9QYV, 1823 Hulin St., Rockford, IL 61102-2619. (815) 968-0080. e-mail: [WB9QYV@aol.com](mailto:WB9QYV@aol.com).

Sheboygan, WI  
Sheboygan County ARC (ARRL/VEC). Exams are held in the Red Cross Building, 2032 Erie Avenue, Sheboygan, WI. The test areas are handicap accessible with signage posted to direct candidates to the proper area of the building. Walk-ins are accepted, however notification ahead of time of your intention to appear would be appreciated. Contact: Art Pahr K9XJ, 920-876-2370. N8029 Willow Road [k9xj@arrl.net](mailto:k9xj@arrl.net) Plymouth, WI 53073-2929

Tomahawk, WI  
Tomahawk ARRL VE Team (ARRL/VEC). Last Saturday of every month, January thru October. Registration at 8:30 a.m. and testing starts at 9:00 a.m. For location or other information, inquire on 145.43 MHz. repeater or contact: Terry Collins, KB9AUP, W6564 Highway 8, Tomahawk, WI 54487. Telephone (715) 453-4633, [dcollins@newnorth.net](mailto:dcollins@newnorth.net).

St. Paul, MN  
Saint Paul Radio Club (SPRC) First Saturday of the month, 8:30 a.m. Test Site: St. Paul Technical College, 235 Marshall Ave., St Paul, MN. Ed Van Cleave, W0VC, (612) 636-0108. [www.qsl.net/sprc/index.html](http://www.qsl.net/sprc/index.html).

Upper Michigan sites::  
  
Washington Island, WI  
Contact: John W. Van Sandt, (217) 826-8821. [n9yrx@hotmail.com](mailto:n9yrx@hotmail.com)

Wausau, WI.  
Sponsor: WVRA. Time: 2:30 PM (Walk-ins allowed). Contact: Gerald L. Graebel, (715) 842-9542 Email: [w9glg@arrl.net](mailto:w9glg@arrl.net). VEC: [ARRL/VEC](#). Location: American Legion Golf Course, 1001 Golf Club Rd, Wausau, WI 54403

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The Madison Area Repeater Association, Inc. is proud to announce:

# The 2006 Madison Hamfest & Computer Fair



April 22, 2006

8:00 AM until 1:00 PM

(Dealer set-up Friday night and Saturday morning)

Talk-in frequency: 147.15 Mhz pl 123.0

Featured vendors of new and used equipment for Amateur Radio, Electronics and Computer enthusiasts, as well as computer software in the Mandt Community Center's spacious 26,000 sq. ft. main hall!

Same great location as in 2004 and 2005!  
Please note the Swapfest is on a Saturday this year!

Mandt Community Center

400 Mandt Parkway, Stoughton, Wisconsin  
The Mandt Community Center is located in the  
Stoughton Junior Fair Grounds on the south side of Stoughton

Public Admission - Doors open at 8:00 AM

Vendor Information

The Madison Swapfest and Computer Fair offers a variety of commercial and flea market space. Vendor space goes on sale in November and sells out several weeks before the event so be sure to reserve your space early this year.

Vendor space is available on a "first come, first served" basis. Complete vendor information can be found by sending Mr. Paul Toussaint, N9VWH an e-mail or by calling 608.245.8890. Be sure to check out the links below.

Additional questions?

Inquiries can be directed to: Mr. Paul R. Toussaint, N9VWH  
MARA President at: [w9hsy@execpc.com](mailto:w9hsy@execpc.com)

The MARA 24-hour telephone voicemail number is 608.245.8890

Ticket Prices

Swapfest advanced sale general admission tickets are \$4.00 per person or \$5.00 the day of the show.

Vendor table fees are \$15.00 per 8 ft. table, if ordered before April 3, 2006; \$18.00 after that. Tables are \$25.00 the day of Swapfest, if available.

If you are interested in purchasing tickets or table space, contact Paul Toussaint by e-mail or by phone at 608.245.8890.

is fun. In 2005, there were 2,414 formal NTS net sessions in our section. Those nets checked in 41,259 stations and passed 28,211 pieces of formal traffic. Compared to 2004, when we had better conditions and better reporting of 2,463 net sessions, we checked in 43,083 stations and handled 25,966 pieces of traffic. So check-ins are down (by 1824) and traffic is up (by 2,245). Does that mean fewer Hams are doing more work? Maybe. Please help. Thanks to all who support the nets and Ham Radio in Wisconsin.

73 -- K9LGU/ STM-WI

3-year comparison:

	2003	2004	2005
QNI	42010	43083	41259
QTC	23597	25966	28211
SSNS	2548	2463	2414

\*\* One of my favorite statements from a club newsletter came from ORC president Tom Ruhlmann, W9IPR:

"I guess one of the most important questions each of us can answer is; "did I help someone else understand or enjoy HAM radio just a little bit more during 2005." If the answer is yes, it has been a successful year. If the answer is no, that would make an excellent New Years Resolution. Get involved have some fun."

Yes, let's have fun and help other Amateurs and our community in 2006!  
73, Don W9IXG.

ARRL Wisconsin Section;  
Section Manager: Donald E. Michalski,  
W9IXG [w9ixg@arrl.org](mailto:w9ixg@arrl.org)

## WISCONSIN SECTION MANAGER REPORT

(Continued from page 6)

it's part of the text - it counts as a word in the check. An x-ray is sent by saying it on phone, sending it in digital mode, or sending the "x" on CW. An x-ray is not needed after an ARL numbered text or at the end of the text before the signature (because there's already a break there). We should not see them there - even with our x-ray vision.

Happy holidays! How about a New Year's resolution to check the section nets more often? Or a promise to yourself to volunteer as a net control. You'd be very welcome.

73 - Denny K9LGU/STM-WI

MONTHLY NET ACTIVITY SUMMARY November 2005

NET QNI QTC QTR SSNS NM  
BWN 1785 2278 3335 30 W9IXG  
BEN 533 68 972 29 KE9VU  
WSBN 707 94 1080 30 K9FHI  
WNN 200 18 359 28 KB9ROB  
WSSN 160 20 293 28 N9JIY  
WIN/E 184 18 241 28 WB9ICH  
WIN/L 128 31 281 30 W9UW  
WRACES 66 0 133 4 N9VAO  
TOTALS 3763 2527 6694 207

\*\* This is the season for giving. Consider giving your time to your fellow Amateur who could use your help. There are many ways--mentoring, station repair or assembly, club events, etc. Let it be known that you are there to help!

73, Don, W9IXG

ARRL Wisconsin Section Section Manager:

Donald E. Michalski, W9IXG  
[w9ixg@arrl.org](mailto:w9ixg@arrl.org)

### DECEMBER 2005

WISCONSIN: SM: Don Michalski, W9IXG. BWN 3985 0500-0715 W9IXG. BEN 3985 1200 KE9VU. WSBN 3985 1715-1800 K9FHI. WNN 3723 1800 KB9ROB. WSSN 3645 1830 N9JIY. WIN-E 3662 1900 WB9ICH. WIN-L 3662 2200 W9UW. (All times are Central time)

\*\* With deep regret, I am informing you of the passing of the following Amateurs:

-- Leo Thoma, WD9EKY, 79. Leo was a member of the RRRC.

-- Ambrose Rinzel, K9UJU, 82. Ambrose was a member of WARAC.

-- Jeff Von Allmen, KB9MRU, 48. Jeff was an Assistant Emergency Coordinator and active with Sullivan NWS.

\*\* If you are interested to learn more about WinLink 2000, Jim Darrow, KB9MMC, [kb9mmc@arrl.net](mailto:kb9mmc@arrl.net) will be presenting two Power Point programs. The title of the program is: WinLink 2000 Digital Messaging for ARES.

First presentation will be at the Milwaukee / Waukesha ARES Meeting on February 7, 2006 at 7:00 pm. Location: Milwaukee Red Cross 2600 W Wisconsin Ave Milwaukee, WI 53233 Contact Dan Workenaour (N9ASA) at [n9asa@wi.rr.com](mailto:n9asa@wi.rr.com) for seating.

Ozaukee Amateur Radio Club Meeting on March 8, 2006 at 7:30 pm. Location: Grafton Senior Center 1665 7th Avenue Grafton, WI Contact Leon Rediske (K9GCF) at [k9gcf@arrl.net](mailto:k9gcf@arrl.net) for seating.

There will be a presentation in Madison at the

Dane County ARES Meeting on April 13, 2006 at 7:30 pm. Location: WEM EOC Department of Military Affairs Wisconsin Emergency Management Room 102 2400 Wright Street Madison, WI 53707 Contact Mack Brophy, N9NTB, 608-242-3323, [wc9aag@dma.state.wi.us](mailto:wc9aag@dma.state.wi.us) for seating.

\*\* Congratulations to Jim Staatz, KI9H, for being elected president of ECARC! Also, nice to hear about the ECARC auction on March 18. I expect to be there behind the ARRL table and am looking forward to seeing many of you there. [www.ecarc.org/pdfword/auctionflyer.pdf](http://www.ecarc.org/pdfword/auctionflyer.pdf)

\*\* Time to start thinking about the Wisconsin QSO party. This year it takes place on March 12. Details and rules can be found at the West Allis RAC site: <http://www.warac.org/wqp/wqp.htm>

\*\* WARAC put on a great Hamfest on January 7. A good turnout (standing room only)! Dick Isely, W9GIG, Central Division Director, and I enjoyed meeting many who stopped by the ARRL tables.

\*\* Prospects for another banner year for the M&M ARC and amateur radio appear bright. Work to establish a ham station at the M&M DAR Boys' and Girls' Club will be getting underway with donated gear. We thank the M&M ARC for their continued efforts to spread amateur radio within the community!!

\*\* STM REPORT WISCONSIN SECTION DECEMBER 2005 FAQ #51 How did we do in 2005? Another year, another compilation of statistics. This past year, we lost a number of excellent traffic handlers. Those that became silent keys are sorely missed, but new voices and CW fists are emerging to help fill the void. Please encourage new Hams and those who have not been active in traffic handling to participate in this phase of the hobby. ORS appointments are available. Net operation



# THE WISCONSIN PACKETEER

**Wisconsin Amateur Packet Radio Association**  
**Joel Papke, N9BQM, Treasurer**  
**7968 Ubinger Road, Pittsville, WI 54466-9214**

**Andy Nemec, KB9ALN, Editor—453 Cottage Grove Avenue—Green Bay, WI 54304—e-mail: kb9aln@tds.net**

Nothing this month for the Packeteer. We hope to have more news from the Wisconsin Amateur Packet Radio Association in the next issue

News Release:

From: The Fond du Lac Amateur Radio Club

Fond du Lac County's Youngest 'Ham'

Nine year old Calvin Schneider, KC9IOK, is Fond du Lac County's newest and youngest FCC-Licensed Amateur Radio Operator.

The son of 'Ham' Jason Schneider, W9SGT, Calvin is a student at Lakeshore Elementary School in Fond du Lac. Calvin became interested in Amateur Radio after his father obtained his license in December of 2002. Calvin decided that he wanted to join his dad on the airwaves and began studying for his Technician Class Amateur License this summer. When his father succeeded in passing his General Class operator test in September of this year, Calvin became really determined to succeed in obtaining his license and began studying harder. Calvin successfully passed the test on Saturday, December 3rd and received his FCC issued call sign on Wednesday, December 14th.

Licensed 'hams' will find Calvin operating on the two meter amateur band. Look for him at 145.430 MHz, the Fond du Lac Amateur Radio Club's repeater frequency. He might also be found on 147.435 MHz, one of the 'simplex' frequencies.

**New Friday Night Nets in UP**

A new beginning:

Tonight starts a new era in communications from this station, W8FWG. We've moved our bulletin transmission from Wednesday night to Friday night, and from the 146.88 repeater in Hancock to the 147.315 repeater in Keweenaw in order to encompass a wider area of coverage. Using the Keweenaw repeater we will now reach Marquette county and the hams within. We will also extend coverage to a portion of Ontonagon county, and we welcome reception reports from these new areas.

This new service is sponsored by the Keweenaw county repeater association over the 147.315 (+) repeater. You will need a pl100 tone on your rigs if you wish to transmit on the repeater. we'll be meeting here each Friday night at nine.....starting out with the Keweenaw county ARES adding the SkyWarn net, and ending with the bulletin transmission brought to you from Amateur radio Newslines of California.

You don't have to be an A.R.E.S. member to join in, and you don't have to be a member of the SkyWarn net either, but all radio hams are invited to join us.

We hope you will enjoy this coverage for your county?

P.S. Please note: The Wednesday night ARES net sponsored by the CCRAA WILL Continue each Wednesday night at 9....on the "88" repeater. (It's just that the bulletin transmission is moving to Friday night).

73,  
George turner, W8FWG  
NCS - Friday night net

E-Mail: grt@pasty.net (General)  
E-Mail: w8fwg@arrl.net {Amateur Radio}

## RUNNING BAREFOOT IN THE SHACK BY THE SACK WITH A LOW DIPOLE

By Robert Johnson, WB9EIW

What does that headline mean? Well if you're Bob Johnson WB9EIW it means that he does not use a linear, his shack is in his bedroom, and his 75m dipole is only up less than 20 feet. Why am I writing this? Well, I think since computers and cell phones, ham radio is losing members. One reason is that if I was a young person and found out that rigs can run thousands of dollars and antennas also thousands plus you have to write a test to get a license I would not be very interested either.

First of all do not confuse Bob Johnson WB9EIW with Bob Johnson W9XY. Bob W9XY does have a linear, his shack is NOT in his bedroom and he has a wonderful antenna system. Just look him up on QRZ.com if you want to read about a real good operator. His biography is worth reading. One of his claims to fame is that he worked King Hussein of Jordan and was invited over to visit the King which he did. he also is a licensed pilot. I'm proud he has the same handle as I do.

Now back to the old Bob Johnson (79) 80 in May of 2006. He used to live in the country and had a lot of space and trees to put up antennas. He had a two element quad up about 75 feet and even without a linear could break most pileups and was able to get DXCC on 10, 15, and 20 meters. He had dipoles for 40m and 80m up 40 feet and 50 feet respectively. His shack was in the basement and in the winter time it would take about an hour for the heat to get up to a comfortable temp. And by that time he had other things to do so did not do much hamming in the winter and that is when 75m is the best.

A little over year ago he moved to town to keep the xyl happy. The city lot is very small so he lost the big two element quad and now has a vertical, Boy, I sure miss being able to turn that quad and hear the signals get louder and louder. Now

with the vertical there is no short path or long path and of course no turning the antenna. He did manage to squeeze a dipole up on the small lot after the suggestion from Fred W9KKM in the Dells. Because the rig is in his bedroom it stays on 24/7. At night it is set for 3795 the middle of the DX window. That way he can hear almost any signal in the window but if they are very far off freq. they sound like Donald Duck, but can easily be tuned in. Being an old man he has to get up 2-3 times a night to use the sandbox so he checks when he gets up and has worked about 40 new ones on 75m. The pile ups are much smaller in the middle of the night. I'm not a very good CW man but guess I'll have to break down and work cw on 40m because there is very little DX on phone there.

What I'm trying to say is that with a piece of wire cut to right length and a used xmtr you can have an awful lot of fun without spending thousands of \$ to get started.

73 to guys and 88 to the YLs and XYLs.

Bob spelled with one (o) Johnson. W B 9 East Isn't WEST or just the last two Irish Whiskey gets lots of comments.

Now for the commercial. Because I moved to town I now have CDE Ham II rotator for sale. \$35 and you pick up. Needs two new U bolts but works. No shipping. I once had an xmtr for sale and said no shipping and a ham called and just begged me to send it to him for new ham way out east. I finally did and after he got it, he changed his mind and shipped it back to me COD. I was very unhappy. Also have an old Astatic D104 Mic with T-UGH stand for \$25. and a Heathkit phone patch for \$8. all "as is" with no shipping.



## *Yellow Thunder Amateur Radio Club*

**WB9FDZ (Original Club Call)  
K9ODK (Robert L. Prine Memorial Call)  
Club net: Sundays 8:00 p.m. on 147.315  
Robert Loomis, KB9VSQ, Secretary  
108 Scarlet Ct., Reedsburg, WI 53959  
YTARC Home Page: <http://www.qsl.net/ytarc/>**



### December 6, 2005

Meeting Minutes December 6, 2005  
Meeting opened at 7:30 SHARP by Steve, N9UDO Club President.

Minutes of the last meeting read by Bill, N9KXX who filled in for the real secretary (unnamed). Motion by Don, K9JYX to accept the minutes as read. Second by Tom, N9PQJ. Passed.

Treasurers Report was done by Bill, N9KXX. We have approximately \$3500.00. This is after paying 207.66 for the new website and 200.00 to N9KXX for the generator that we blew up at Field Day.

Old Business: Christmas Party. Pete, WD9JIB checked on the availability of the VFW hall in Reedsburg. It was found that the hall was available on Saturday January 7, and Saturday January 14. However, we also found out we would have to pay full price for the use of the hall, as we no longer have a member of the VFW as a club member. This would amount to about \$185.00 rent, plus the cost of the caterer.

Steve N9UDO brought up the Kingston House in Kingston. They have a Prime Rib Buffet on Saturday nights, for \$14.95 each. Don, K9JYX made a motion to check out the Kingston House. Dave, KB9CSW seconded. Passed for Steve, N9UDO to see if there would be any complications with them for a group of our size. Pending no complications, the party would be held on January 14, with cocktails starting at 6 p.m., and dinner at 7 p.m. N9UDO will check into it.

If there are complications with the Kingston House, the plan 'B' is the Basement at N9UDO's house. (Pending any complications with the XYL.)

Bob, KB9VSQ stopped by the work QTH of N9UDO and K9JYX, and wanted everyone to know he says 'Howdy'.

The next item is the replacement of the controller for the repeater. We are working on an agreement with Len, N9QIP. Len has agreed to purchase an ARCOM Controller model # RC-210, and will trade it for our 7K. Len uses 7K's exclusively on his system.

New Business: We tabled the By-Law upgrades and changes to the next meeting.

We need all members to think of ideas for programs, instruction, or having classes again, for the meetings next year. Contact Tom, N9PQJ (activities director) with any ideas you may have.

N9KXX brought up the possibility of helping purchase a replacement PA for the KD9UU repeater on 443.675. Could the club help donate. Tabled.

Don, K9JYX made a motion to adjourn. Tom, N9PQJ seconded. Passed by voice vote. Meeting adjourned at 8:50 P.M.

Respectfully submitted:  
Rick Plouffe, N9ROY  
YTARC club secretary

Attending:

Dave Spearing, KB9CSW - Portage  
Rick Plouffe, N9ROY - Wisconsin Dells  
Juanita Plouffe, N9ROY's XYL - Wisconsin Dells  
Bill Klinkner, N9KXX - Sauk City  
Patrick Klinkner, 1st Harmonic of N9KXX - Sauk City  
Steve Schulze, N9UDO - Baraboo  
Tom Harrison, N9PQJ - Reedsburg  
Don Evenson, K9JYX - Baraboo

Pete Sweeney, WD9JIB - Baraboo

### January 3, 2006

Minutes from the January 3, 2006 meeting of the Yellow Thunder Amateur Radio Club, Inc.

Meeting opened EXACTLY at 7:30pm by Steve, N9UDO, President.

N9UDO passed out copies of the December 6, 2005 meeting minutes along with copies of the renewal forms and letter that were mailed to all members.

Don, K9JYX made a motion to accept the minutes as written.

Tom, N9PQJ seconded. Motion passed on voice vote.

Treasurer's report was tabled due to the absence of N9KXX, our beloved Treasurer.

#### Old Business:

We tabled the re-write of the by-laws to this meeting. We have discussed the changes, and N9UDO will type up a draft of the new changes and present them at our next meeting. We have to present them at the next meeting, then have 2 votes at back to back meetings before the new changes go into affect. Hopefully we will have this all completed by the April meeting.

N9ROY motioned to pass at this time on helping to replace the amplifier on the KD9UU Repeater, until we are able to get more information on users, activity etc.

K9JYX seconded. Motion passed on voice vote.

January 29, will be the next Zilch, to be held at the Green Mill Restaurant in the Howard Johnsons in the Wisconsin Dells. Located on Highway 13, exit 87 off I-90/94.

#### New Business:

Our next topic was suggestions of topics for upcoming meetings.

The first suggestion was for Duane, N9DG, to present a program on Software Defined Radios. It was suggested to see if he could be here for the Feb or March meeting.

Don, K9JYX, motioned for him to present at the March meeting.

Dave, KB9CSW, seconded. Motion passed on voice vote, pending any problems with N9DG.

Don, K9JYX, suggested a program by Tom Weeden, WJ9H, on HDTV. N9UDO said he would check with WJ9H as to availability.

K9JYX also brought up the possibility of announcing the meeting dates in the papers owned by Capital Newspapers Inc. He also mentioned the possibility of having an open house meeting to try to interest new members.

Steve, N9UDO, stated that Wednesday night, Jan 11, BATS (Badgerland Amateur Television Society), would be meeting at the Roxbury Tavern in Roxbury at 6:30 for drinks, 7:00 for meeting.

Waukesha Hamfest to be held on Saturday, January 7, from 8am to 2 pm.

We have 2 new members, KC9RH Dan Tracy, and his wife, Candi, N9EHH. Welcome to you both. They are residing in Poynette area, and we look forward to having them become very active with the club.

Steve, N9UDO, submitted a bill for the end of the year mailing in the amount of \$48.60. This included postage, paper and printing.

Dave, KB9CSW motioned to pay. Don, K9JYX seconded. Motion passed on voice vote.

We re-instated the "Buck Night" drawing again at the meetings. This is a time-honored tradition at Yellow Thunder Amateur Radio club meetings.

Tonight's winner was Bill Klinkner, N9KXX who was NOT present. Therefore the next meeting's pot will be at \$2.00. SORRY BILL!!

N9PQJ motioned for meeting to adjourn. K9JYX seconded. Passed on voice vote. Meeting adjourned at 9:36 Pm

Members and friends present:  
Rick Plouffe, N9ROY – Wisconsin Dells  
Juanita Plouffe – Wisconsin Dells  
Dave Spearing, KB9CSW – Portage  
Tom Harrison, N9PQJ – Reedsburg  
Don Evenson, K9JYX – Baraboo  
Steve Schulze, N9UDO – Baraboo



Respectfully submitted:  
Rick Plouffe, N9ROY  
Yellow Thunder Amateur Radio Club Secretary

## Check us out on the web at <Http://www.bssts.org>



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SWAPFESTS

<div><p>2004 WINNER Nicholas Luther, K9NL Oshkosh, WI.</p></div> <div><p>34th ANNUAL MIDWINTER <b>SWAPFEST</b> WAUKESHA EXPOSITION CENTER WAUKESHA, WISCONSIN <b>SATURDAY</b> <b>JANUARY 7, 2006</b></p><p><i>Both sponsored by:</i> <b>THE WEST ALLIS RADIO AMATEUR CLUB, INC.</b> <b>P. O. BOX 1072 • MILWAUKEE, WISCONSIN 53201</b></p></div>	<p><i>HAM IT UP EVERY SPRING!</i> <b>MADISON SWAPFEST</b> Mandt Community Center <i>APRIL 22, 2006</i> 400 Mandt Parkway Stoughton WI Doors open at 8 a.m. Sponsored by MARA/W9HSY P. O. Box 8890 Madison, WI 53708-8890 Swapfest Information Line. (608) 245-8890</p>	<p><b>SOUTH MILWAUKEE AMATEUR RADIO CLUB</b> <b>SWAPFEST 05</b> <b>JULY 8, 2006</b> (Held every July) <b>American Legion Park</b> <b>Shepard Avenue • Oak Creek, WI</b> (414) 762-3235 Ask for Verne P.O. Box 102 South Milwaukee, WI 53172 e-mail ryatex@aol.com</p>
	<p>The Chicago FM Club presents <b>RADIO EXPO 2005</b> September , 2005 Lake County Fairgrounds, Rts. 45 and 120 Grayslake, Illinois Free parking • Amateur Exams • Talkin 146.16/76 Info Voice mail and FAX: (708) 457-0966 <a href="http://www.chicagofmclub.org">http://www.chicagofmclub.org</a> P.O. Box 56784, Harwood Heights, IL 60656-0724</p>	<p><b>TRI-COUNTY ARC PRESENTS</b> <b>HAMFEST 2006</b> <b>March , 19 2006</b> <b>YOUR SPRING FAVORITE !</b> <a href="http://www.cmdline.com/tcarc/">www.cmdline.com/tcarc/</a> TCARC 213 Frederick St (920) 563-6381 Fort Atkinson, WI 53538 Evenings</p>
<div><p>www.ns9rc.org see the website!</p></div> <div><p><b>NSORC</b> <i>Fest</i> <i>formerly known as LAMARSfest</i> Lake County Fairgrounds Grayslake, Illinois <b>04/XX/05</b></p></div>		<p>The Milwaukee Repeater Club presents <b>AMATEUR RADIO FEST 2005</b> October , 2005</p> <p>Waukesha County Expo Center Forum Buildings For more information, see: <a href="http://www.mrc91.org">http://www.mrc91.org</a> e-mail <a href="mailto:mrc@mrc91.org">mrc@mrc91.org</a> or call (414) 526-7011</p>
<p><b>Ozaukee Radio Club</b> <b>27th ANNUAL RADIO AND</b> <b>COMPUTER SWAPFEST</b> <b>MAY 06, 2006</b> 8 a.m. to 1 p.m. • Circle B Recreation Center Intersection of Highway 60 and County I Exams by Badger Examiners, c/o Gary Sharbuno, 5119 W, Willow Rd., Brown Deer, WI 53222 Swapfest sponsored by the Ozaukee Radio Club W55 N865 Cedar Ridge Drive • Cedarburg WI 53012</p>	<p><b>Circus City Swapfest</b> Sponsored by the Yellow Thunder Amateur Radio Club Saturday, August 12, 2006 • 7 am—Noon Sauk County Fairgrounds • Baraboo, WI</p> <div><p>Vendors • Concessions Camping • Free Parking Tail Gate Area</p><p>\$4.00 — Advanced \$5.00 — At Gate \$5.00 — 8 foot tables</p></div> <p>Steve Schulze, N9UDO • Bill Klinkner, N9KXX (606) 356-2313 • (608) 643-6908/643-6453 <a href="http://www.qsl.net/ytarc/hamfest.htm">http://www.qsl.net/ytarc/hamfest.htm</a>,</p>	<p><b>SOUTH MILWAUKEE AMATEUR RADIO CLUB</b> <b>AUCTION</b> <b>Amateur Radio, Computers &amp; Electronics</b> <b>Wed. MAR. 01, 2005, 6:00 p.m.</b> <b>American Legion Post 434</b> <b>Shepard Avenue • Oak Creek, WI</b> (414) 762-3235 Ask for Verne P.O. Box 102 South Milwaukee, WI 53172 e-mail: ryatex@aol.com</p>

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e-mail extra pages

Club Meetings

Appleton  
FOX CITIES AMATEUR RADIO CLUB  
Meetings: Third Mondays, 7:00PM., Goodwill Community Center, 1800 S. Appleton Road, Menasha, WI. Information: Brian Long KB9LRD [fcarc@w9zl.org](mailto:fcarc@w9zl.org) Web-site: <http://www.fcarc.us>

Baraboo  
BADGERLAND AMATEUR TELEVISION SOCIETY (BATS) Check BATS Web page: <http://www.shopstop.net/BATS/>

Baraboo  
YELLOW THUNDER AMATEUR RADIO CLUB Meetings: See the YTARC column elsewhere in this issue for meeting times and locations. For further information: <http://www.qsl.net/ytarc>.

Dubuque, IA  
GREAT RIVER AMATEUR RADIO CLUB Meetings: First Monday of each month, 7 p.m. at the Red Cross Center, 2400 Asbury Road. The club serves the tri-state area. On the Web: <http://www.qsl.net/wb0lob/>. Information or questions to: [N0hdc@aol.com](mailto:N0hdc@aol.com).

Eau Claire  
EAU CLAIRE AMATEUR RADIO CLUB Meetings: 2nd Tuesday - 7 p.m., Eau Claire Parks & Recreation, 1300 First Ave., Eau Claire, WI 54703. All hams and guests welcome. W9EAU repeater 146.91 MHz, tone 110.9 Hz. Information: Jim Staatz, KG9RA, President, P.O. Box 1867, Eau Claire, WI 54702-1867. Phone (715) 838-9108, Email [kg9ra@ecarc.org](mailto:kg9ra@ecarc.org). Web page: <http://www.ecarc.org>

Fond du Lac  
FOND DU LAC AMATEUR RADIO CLUB Meetings: Second Monday at Moraine Park Technical College, Fond du Lac, WI. Time: 7 p.m. Sunday net: 7:30 p.m. CDT, K9IA repeater, 145.430 - PL 107.2 Information: Jack Heil, KG9IN, 920.922.1413. Email: [kg9in@fdlhams.org](mailto:kg9in@fdlhams.org) Web: <http://www.fdlhams.org>.

Fort Atkinson  
TRI-COUNTY AMATEUR RADIO CLUB second Thursday monthly except June to August, 7 p.m., at Dwight Foster Public Library in Fort Atkinson. ARES Net each Wednesday evening at 8 and club net Monday evenings at 8 on 145.49 repeater. Contact: Glenn Eisenbrandt, WA9VYL, 920.563.6502, or John Satterlee, WA9SAB, 920.563.6381.

Grafton  
Ozaukee Radio Club (ORC) Second Wednesday of each month at 7:30 p.m. Grafton Multipurpose Senior Center, 1665 7th. Ave., Grafton, Wisconsin [www.qsl.net/orc/](http://www.qsl.net/orc/).

Green Bay  
GREEN BAY MIKE AND KEY CLUB Meetings: Second Thursdays, 7:30 p.m., Media Services area of J. M. Science Building at St. Norbert College in DePere. Information: Kevin at [kb9sne@yahoo.com](mailto:kb9sne@yahoo.com).

Green Lake  
GREEN FOX AMATEUR RADIO CLUB Greater Green Lake County area. Meetings: Third Mondays, 7:30 p.m., Green Lake Town Hall, intersection of County Highways K and N.

Houghton, MI area:  
The CCRAA is the "Copper Country Radio Amateur Association" and they hold meetings the first Tuesday of each month at the Dollar Bay Fire Hall. Summer meetings (June, July, August, and September) are held at the CCRAA Clubhouse in Osceola (2 mi. S. of Calumet, MI)

Hudson  
St. CROIX VALLEY RADIO AMATEURS Meetings: Third Tuesdays, St. Croix County Emergency Government Center, Carmichael Road, Hudson. Short business meeting at 7:30 p.m. followed by program. Talkin: 145.13 MHz. All are welcome!

Juneau  
ROCK RIVER RADIO CLUB Meetings: First Tuesdays, 7:30 p.m., Dodge County Administration Building, 127 East Oak Street, Juneau, WI. ARES Nets: 146.64 (-600) Mondays, 7:30 p.m., Saturdays, 7278 KHZ, Alternate in 3.947 at 10:00 AM. & Wednesday, 1908 KHZ 8:00 PM, Winter-time.

Madison  
SPACE PLACE AMATEUR RADIO CENTER No meetings. Located on U.W.-Madison campus. Guest operators are welcome to operate the U.W. Space Place Amateur Radio Station, N9UW. Information: Don Michalski, W9IXG, President, (608) 263-4685. Email: [n9uw@sal.wisc.edu](mailto:n9uw@sal.wisc.edu).

Madison  
BADGER AMATEUR RADIO SOCIETY University of Wisconsin - Madison/W9YT Meetings: Third Mondays at 7:00 p.m. in UW Union South. Room number posted on the Today in The Union board. Information: Don Michalski, W9IXG, (608) 263-4685. Email: [w9ixg@arrl.org](mailto:w9ixg@arrl.org). Web: <http://www.qsl.net/w9yt>.

Madison

Madison DX Club, meetings are on every fourth Tuesday of each month; see <http://madisondxclub> for more details.

Madison  
FOUR LAKES AMATEUR RADIO CLUB Meetings: Third Tuesdays, 7:30 p.m., Red Cross Building, 4860 Sheboygan Avenue, Room C, downstairs. First building west of Hill Farms State Office Building.

Manitowoc  
MANITOWOC COUNTY RADIO AMATEURS (ManCoRad) Second Wednesday of each month. Club board meets at 6:30 p.m., and Regular meeting is at 7:30 p.m., at 1105 Fleetwood Drive, 2nd floor (Old County Shop building on northwest side of city.) For Additional information please see our club web-site [www.qsl.net/w9dk](http://www.qsl.net/w9dk) or contact Fred Neuenfeldt, W6BSF, (920) 682-9312. Email: [w6bsf@arrl.net](mailto:w6bsf@arrl.net).

Marinette WI  
Menominee MI  
Amateur Radio Club Meetings held second Thursday 7:00PM each month BAMC Tenth Avenue Menominee Michigan in the basement. Guests welcome e-mail secretary [kg9ad@arrl.net](mailto:kg9ad@arrl.net)

Medford  
Black River Amateur Radio Association Meetings: Normally the first Thursday of each month. Usual meeting time is 7 PM. Most meetings are held at the Taylor County Courthouse. Directions: Those attending should park in the main courthouse parking lot on the east side of the building, and enter using the main courthouse entrance or the sheriff's dept. entrance. Proceed to the lower level of the courthouse using the stairs or elevator. We meet in the "break room" on the lower level, near the Emergency Government office. Talk-in on the 147.15 repeater (114.8 Hz PL, +600 kHz offset) and 146.52 MHz simplex. Contact: Mike Schoenfuss, N9GHZ, P.O. Box 401, Abbotsford, WI 54405. Phone: (715) 223-3996.

Menomonee Falls  
FALLS AMATEUR RADIO CLUB, INC. Meetings: Last Wednesdays at Bank One building in Germantown. Doors open 7 p.m. Meeting time: 7:30 p.m. Guests are welcome!

Menomonie WI  
Saturday coffee at Burger King, 544 Main Street, at 9 a.m. Social hour on 4th Tuesdays at 7:00 p.m. at the Depot, 2616 Hills Court, north of Walmart on highway 25 North, in January, March, April, and September through November. Guests welcome!

Milwaukee  
GREATER MILWAUKEE DX ASSOCIATION Meetings: Fourth Monday of month,

7:30 p.m. Contact any GMDXA member, or Gary Schwartz, K9GS, (262) 363-4439. Email: [garyk9gs@arrl.net](mailto:garyk9gs@arrl.net).

Milwaukee  
MILWAUKEE RADIO AMATEURS CLUB Meetings: Last Thursdays, 7:00 p.m. Redemption Lutheran Church, 4057 North Mayfair Road, Wauwatosa, WI. Mailing address: P.O. Box 070695, Milwaukee, WI 53207. Web: <http://www.qsl.net/mrac> . Email: [w9rh@arrl.net](mailto:w9rh@arrl.net).

Monomonie  
RED CEDAR REPEATER ASSOCIATION, INC. Saturday coffee at Hardee's in North Monomonie, corner of Highways 12 and 25 at 9 a.m. Social hour on 4th Tuesdays at 7:30 p.m. at the Peppermill Too, 1414 9th Street in the L-Mart Shopping Center in January, March, April, and September through November. Guests welcome!

Northeast Area  
NORTHEAST WISCONSIN DX ASSOCIATION Meetings quarterly: April 28, Marinette; August 25, Fox Valley; November 10, Green Bay. For specific information about meetings, check <http://home.new.rr.com/newdxa/>. Contact us at [w9dxa@arrl.net](mailto:w9dxa@arrl.net).

Oak Creek  
SOUTH MILWAUKEE AMATEUR RADIO CLUB Meetings: First Wednesdays, Legion Post #434, Shepard Ave., Oak Creek, WI. In March and October the meetings are turned into Auction Nights.. The club WEB site is [ww.qsl.net/wa9txe](http://www.qsl.net/wa9txe)

Onalaska  
RIVERLAND AMATEUR RADIO CLUB Meetings: First Tuesdays, 7 p.m., Onalaska Community Center. More information: <http://www.qsl.net/wr9arc/> . Email: [wr9arc@qsl.net](mailto:wr9arc@qsl.net).

QCWA Chapter 162  
QUARTER CENTURY WIRELESS ASSOCIATION (QCWA) Southeastern Wisconsin Chapter 162. Meetings: Third Monday in January, March, May, July, September, and November, 7:30 p.m., usually at Meadows Restaurant, Franksville, WI. Social events: Third Sundays in February, April, June, August, and October. Christmas party: Usually second or third Sunday in December.

QCWA Chapter 55  
QUARTER CENTURY WIRELESS ASSOCIATION (QCWA) Wisconsin Chapter 55 meets the first Saturday of June and October. For information about Chapter 55, contact Ron Yokes, W9BCK, Secretary, 612 N. Pt Washington Road, Grafton, WI 53024-9703. ( 2 6 2 ) 3 7 5 - 1 7 7 4 . [mailto:rryokes@execpc.com](mailto:mailto:rryokes@execpc.com).

Racine

LAKESHORE REPEATER ASSOCIATION Meetings: Last Tuesday, January, April, July, October. American Red Cross Building, 4521 Taylor Ave., Racine, WI.

Watertown

WATERTOWN AMATEUR RADIO CLUB Meetings: First Thursdays of month, 7 p.m., Watertown Public Library, 100 South Water Street.

Racine

RACINE MEGACYCLE CLUB Meetings: Second Mondays, 7:30 p.m., American Red Cross Building, 4521 Taylor Ave., Racine, WI.

Waupaca

WAUPACA AMATEUR RADIO CLUB CQ First Tue. Social gathering and Dutch treat luncheon, King's Table, King, WI, on Highway QQ, just south of Highways 10 and 54, west side of Waupaca. Gather at 11 to 11:30. Order at noon. Club business transacted. CQ Third Fri. Social gathering and Dutch treat dinner. Semi-formal, OM and XYL, at one of the better supper clubs in the area. Check: Waupaca 147.39 nets at 8 a.m. or 8:50 p.m. for month's meeting location.

Rhineland

NORTHWOODS AMATEUR RADIO CLUB Meetings: Third Tuesday of Sept., Nov., Dec., Feb., and April for dinner business meetings at Ella's Restaurant, Jct. of Hwy. 51 and 70, north side of Woodruff, WI. Talkin on Sayner or Tomahawk repeaters. The Northwoods ARC News is on the club web site, <http://www.freeyellow.com/members7/nwarc>.

Wausau

WISCONSIN VALLEY RADIO ASSOCIATION Meetings: First Tuesdays, 7:30 p.m. Location varies. Information: 146.64 (-600). <http://home.dwave.net/~wvra/>.

Sheboygan

SHEBOYGAN COUNTY AMATEUR RADIO CLUB Meetings: Second Tuesdays. 7 p.m., Sheboygan County Red Cross/Boy Scout Building, 2032 Erie Avenue.

West Allis

West Allis Radio Amateur Club Second Tuesday of each month at 7:30 p.m. St. Peter's Episcopal Church, 80th and Lincoln Ave., West Allis. Meetings in basement. Entrance at rear, off alley. Handicapped accessible. [www.warac.org](http://www.warac.org).

Shell Lake

Northland ARC meetings are held the first Saturday of each month after breakfast. Location: Schmitz's Economart Deli. Located on US Hwy.63 on the south end of Spooner. The meeting will start at approx. 8:00 AM. Breakfast usually starts by 7:30 AM. Come and see what we're about. Anyone, even if you're licensed or not and has an interest in ham radio is welcome to attend! Next Meeting: Sept 4th, 2004 at 8:00 AM. So Please plan to attend!!!! <http://home.centurytel.net/NorthlandARC/>.

West Bend

WASHINGTON COUNTY AMATEUR RADIO CLUB Meetings: Second Thursdays, 7:30 p.m., Washington County Courthouse. Net: Thursdays, 7:30 p.m., 146.73 (-600).

Stevens Point

CWRA Ltd./UWSP ARC Meetings second Wednesday. of each month at 7:30 pm. Science Building on the UW-Stevens Point Campus, Room A107, Stevens Point, WI. Email: [jglas776@uwsp.edu](mailto:jglas776@uwsp.edu). Webpage: [www.qsl.net/wb9qfw](http://www.qsl.net/wb9qfw).

Wisconsin Rapids

WISCONSIN RAPIDS AMATEUR RADIO CLUB Meetings: Third Wednesdays, 7 p.m., Room 14 of Wood County Courthouse. Talkin: 146.79 (-600) for entry into the building.

Superior

ARROWHEAD AMATEUR RADIO CLUB, INC. Meetings: Second Tuesday at WITC Conference Center, 600 N. 21st St., Superior, WI. Time: 7:30 p.m. Board meetings held before regular meetings.

W.A.R. WISCONSIN ASSOCIATION OF REPEATERS

Quarterly meetings of the Wisconsin Association of Repeaters are held at various locations around the State in March, July and November. Check the WAR web page for meeting announcements and repeater coordination info. Information: <http://www.wirepeaters.org>.